

ABSTRACT OF DISCLOSURE

A gas exhausting apparatus for use in a wet electrophotographic image forming device includes an exhaust duct, an exhaust fan, and an air purification unit. The exhaust duct forms an air flow passage from an inside of a device to an outside of the device. The exhaust fan inhales air from the inside of the device through the exhaust duct and exhausting the air through the exhaust duct to the outside of the device. The air purification unit removes impurities included in the air inhaled by the exhaust fan. The exhaust duct includes: a first inhalation guide formed to inhale and guide impurity-containing high temperature air in the printer and having the air purification unit disposed therein to pass the impurity-containing air through the air purification unit; a second inhalation guide formed to inhale and guide non-impurity-containing air of room temperature in the printer; and an exhaust guide formed to communicate with the first inhalation guide and the second inhalation guide and having the exhaust fan disposed therein to mix the impurity-containing air and the non-impurity-containing air respectively inhaled through the first inhalation guide and the second inhalation guide and then exhaust the impurity-containing air and the non-impurity-containing air to the outside of the device.